

Claims

1. Machine for making air cushions for packaging from a tubular film (1) arranged on a reel, said machine comprising a frame, means provided inside (3) said tubular film to separate the walls thereof, traction means (8) for pulling the tubular film and an inflating and welding device (5, 6, 7, 12) having at least one hollow needle (5) for the inflation, means (2, 2a, 2b) to prevent air from escaping towards said reel, that is to say, upstream, said means (2) to prevent air escaping being located between the spacing means (3) provided within the said film and the reel, the inflating and welding device (5, 6, 7, 12) being located after the means (3) located in the interior of said film and before the means (8) for pulling said film (1) so as to pull the tubular film through the inflating and welding device, the hollow needle (5) of the inflating and welding device being attached to a first beam (12) located on one side of said film and operated by a first actuator (13), and two heating elements (6) placed upstream and downstream of said needle attached to a second beam (10) disposed on the other side of said film and operated by a second actuator (11), characterized in that the means for preventing the escape of air introduced into the tubular film towards said reel, that is to say, upstream, comprise an elongate element (2b) extending in a transverse direction relative to the film (1) attached to said first beam (12) in such a way as to be held away from said film while the latter is being moved and introduced into a recess (2a) provided in a plate (2) on the frame of the machine to force said film into the recess to form a sealed fold in the latter.